

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021051.D
 Acq On : 24 Feb 2016 7:51
 Operator : UM/SJ
 Sample : PB88492BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88492BL

Quant Time: Feb 24 09:58:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	4473	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	24102	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	14403	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	28712	20.00	ng	0.00
75) Chrysene-d12	21.82	240	17065	20.00	ng	-0.01
86) Perylene-d12	25.13	264	15388	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	35485	139.08	ng	0.00
7) Phenol-d6	7.41	99	55212	140.51	ng	0.00
23) Nitrobenzene-d5	9.39	82	36512	88.94	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	22131	128.26	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	91531	88.47	ng	0.00
78) Terphenyl-d14	20.13	244	89351	67.94	ng	0.00

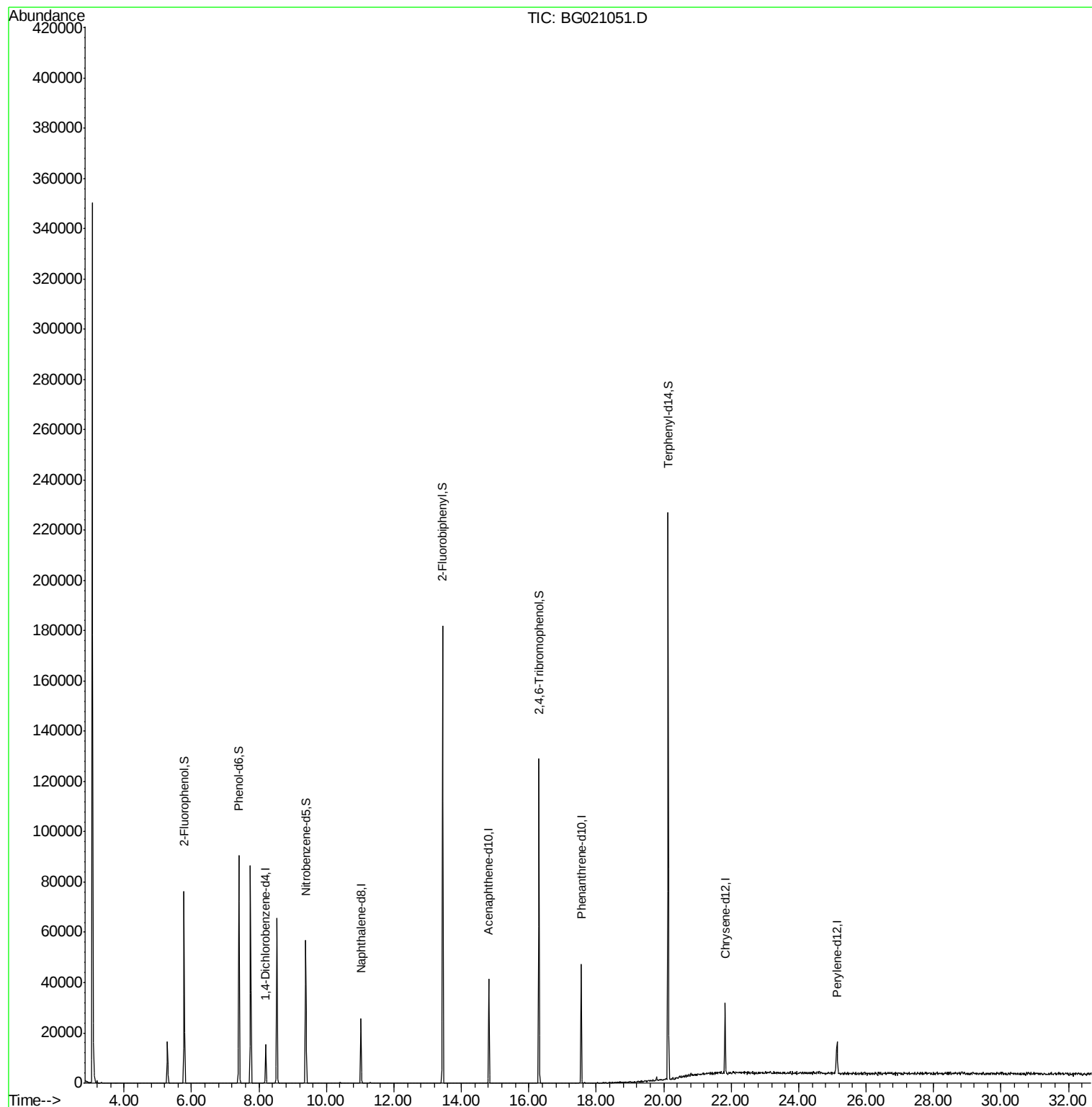
Target Compounds	Qvalue
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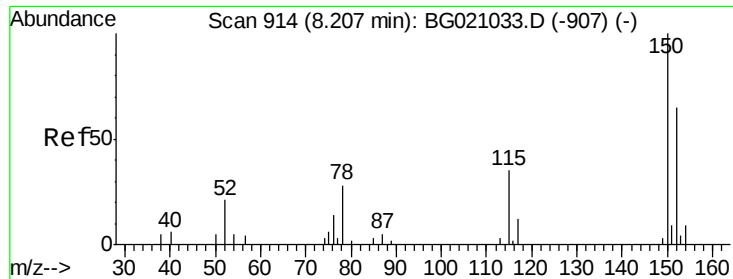
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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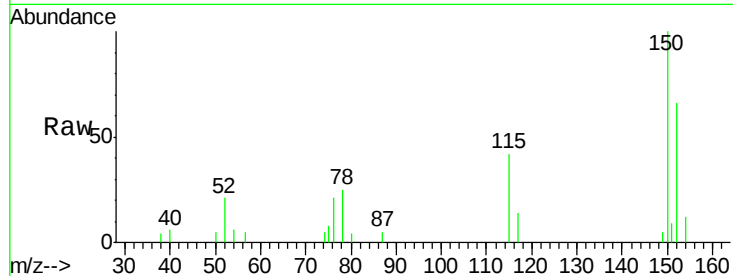


#1

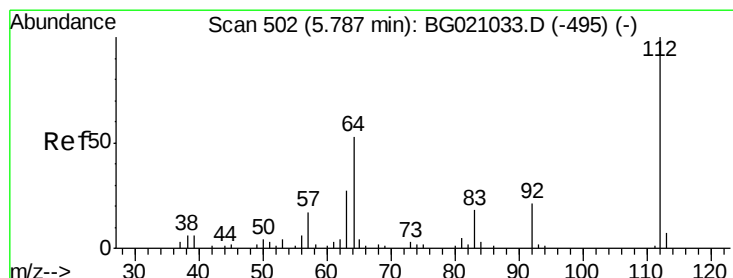
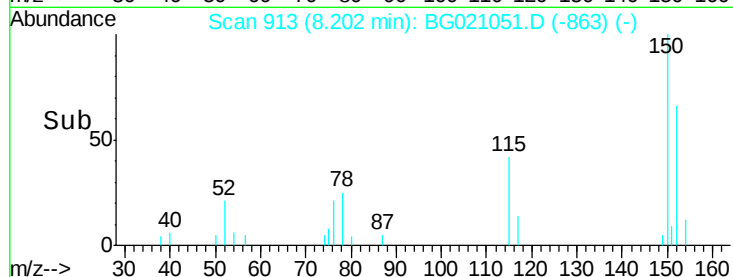
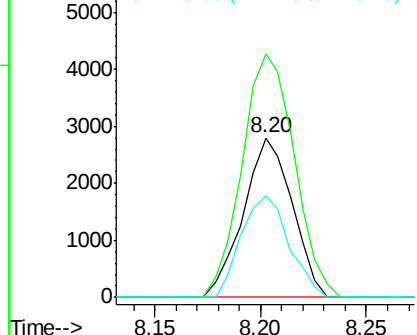
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG021051.D
Acq: 24 Feb 2016 7:51

Instrument :
BNA_G
ClientSampled :
PB88492BL

Tgt Ion:152 Resp: 4473
Ion Ratio Lower Upper
152 100
150 152.7 123.4 185.2
115 64.0 43.3 64.9



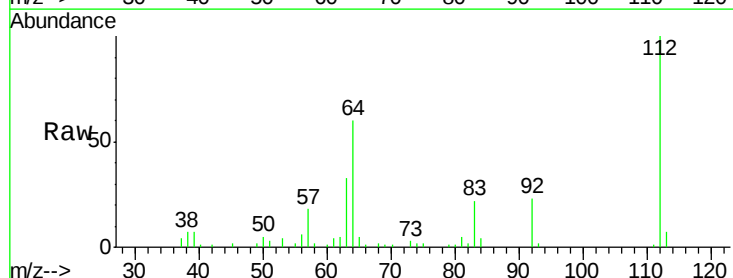
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



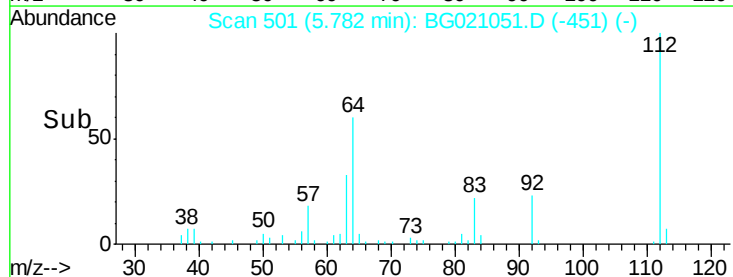
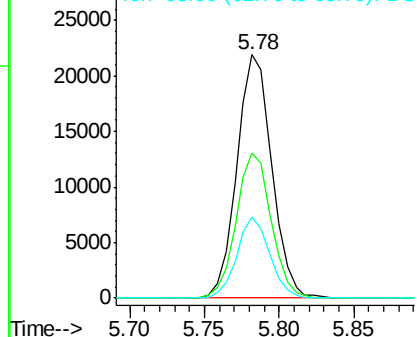
#5

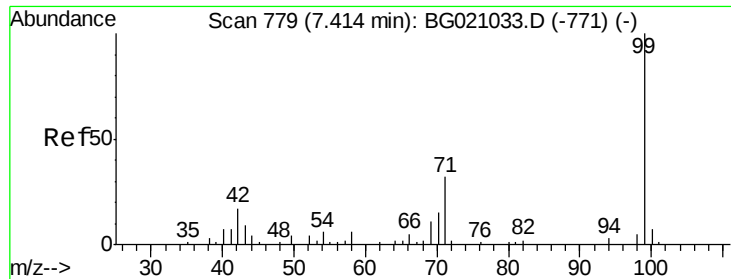
2-Fluorophenol
Concen: 139.08 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.00 min
Lab File: BG021051.D
Acq: 24 Feb 2016 7:51

Tgt Ion:112 Resp: 35485
Ion Ratio Lower Upper
112 100
64 59.5 42.6 63.8
63 33.2 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.51 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG021051.D

Acq: 24 Feb 2016 7:51

Instrument :

BNA_G

ClientSampleId :

PB88492BL

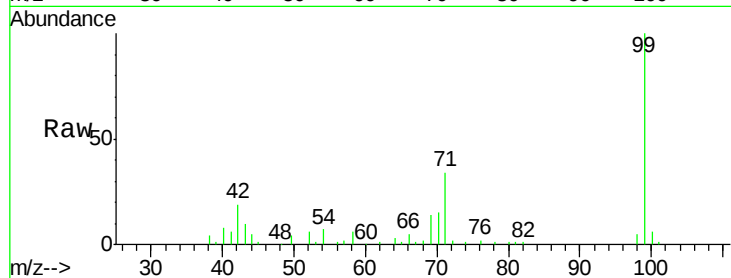
Tgt Ion: 99 Resp: 55212

Ion Ratio Lower Upper

99 100

42 18.7 13.2 19.8

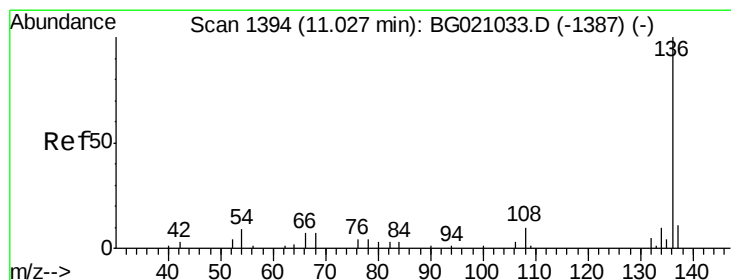
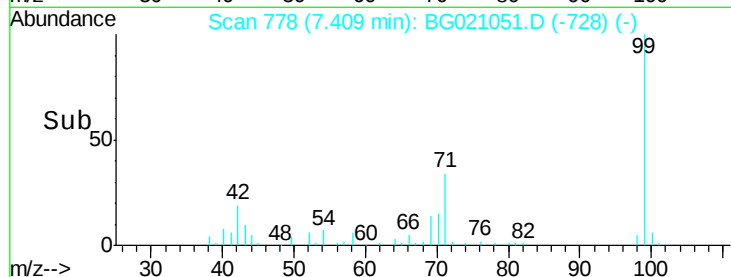
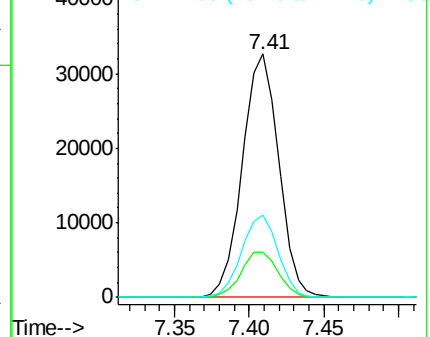
71 34.0 25.2 37.8



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG021051.D

Acq: 24 Feb 2016 7:51

Tgt Ion: 136 Resp: 24102

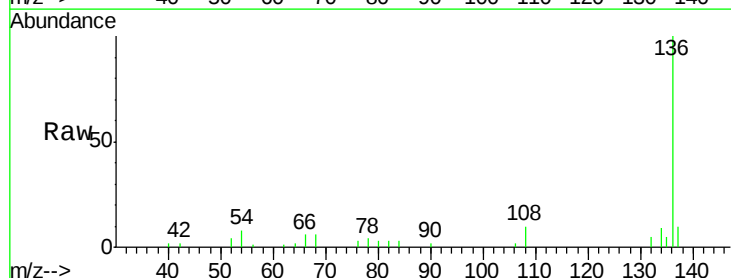
Ion Ratio Lower Upper

136 100

137 9.8 8.8 13.2

54 8.0 6.9 10.3

68 5.5 5.8 8.6#

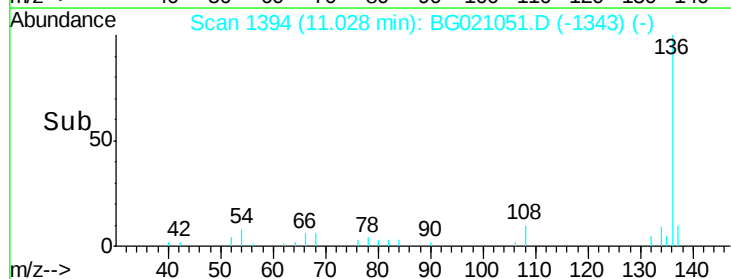
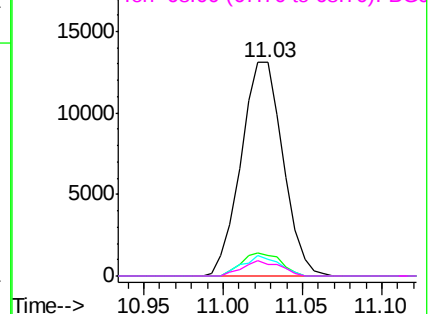


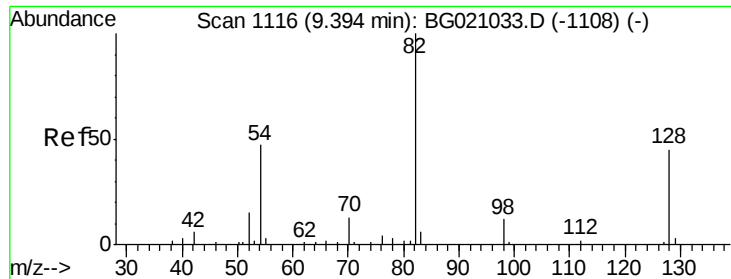
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

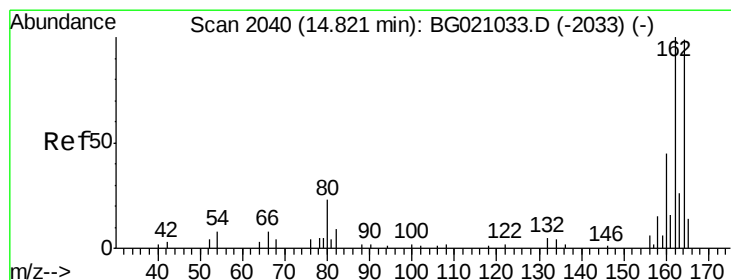
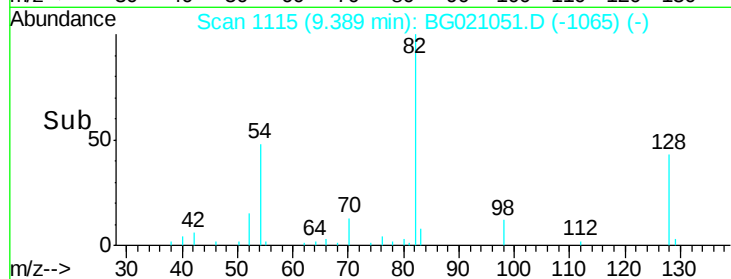
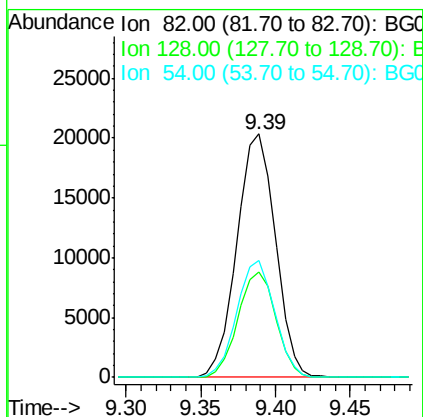
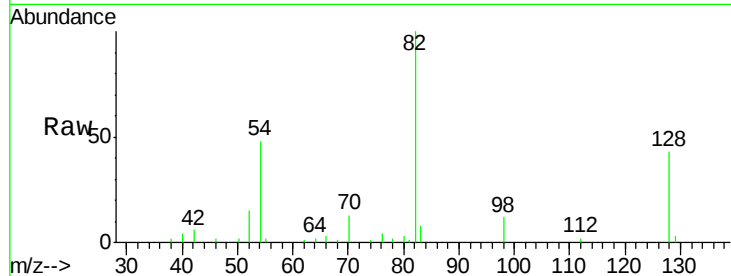




#23
 Nitrobenzene-d5
 Concen: 88.94 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BG021051.D
 Acq: 24 Feb 2016 7:51

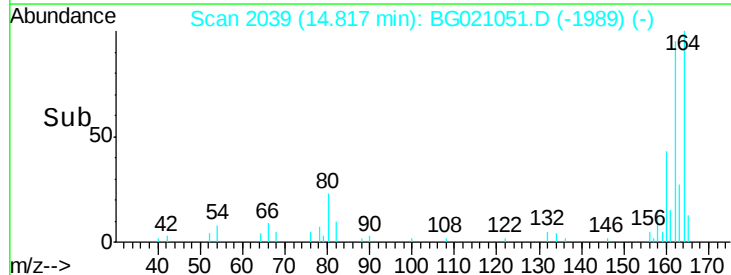
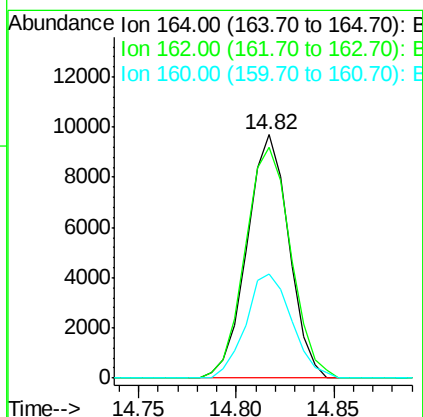
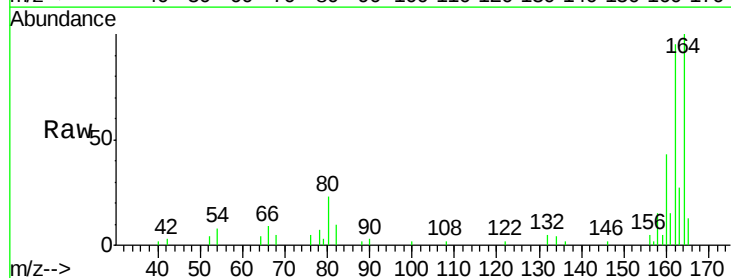
Instrument :
 BNA_G
 ClientSampleId :
 PB88492BL

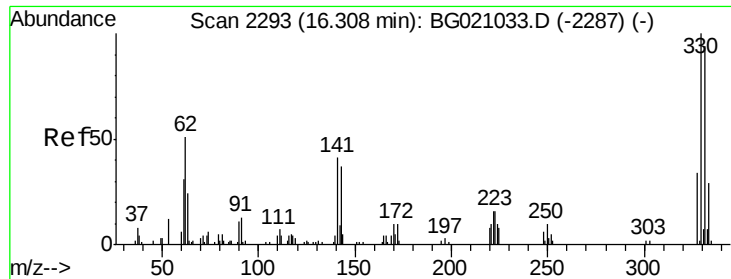
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.3	54.5
54	47.9	37.6	56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BG021051.D
 Acq: 24 Feb 2016 7:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.1	80.6	120.8
160	42.5	36.5	54.7

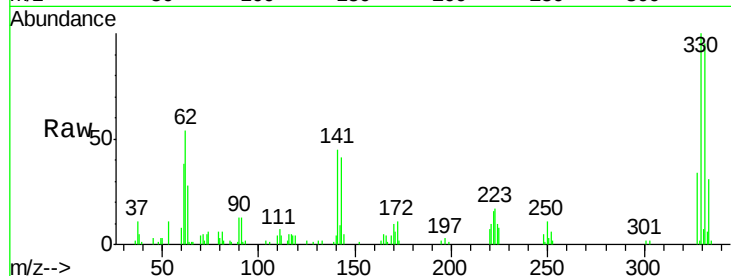




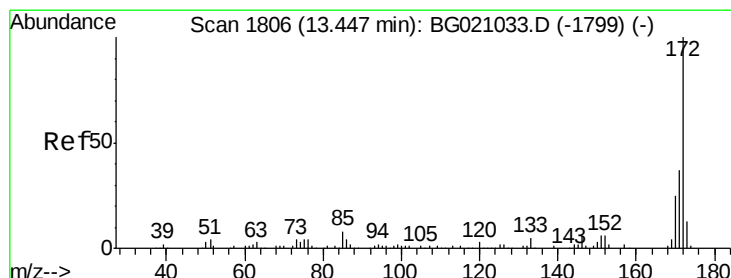
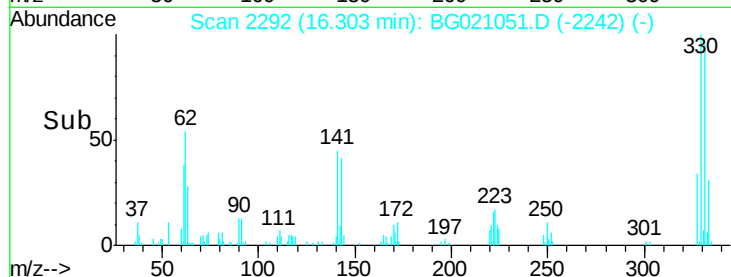
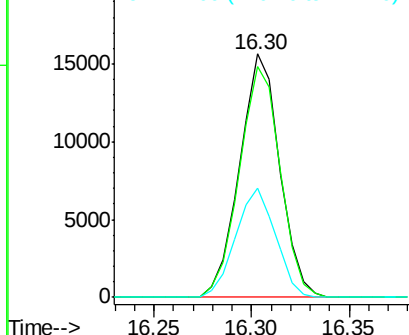
#41
 2,4,6-Tribromophenol
 Concen: 128.26 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021051.D
 Acq: 24 Feb 2016 7:51

Instrument :
 BNA_G
 ClientSampleId :
 PB88492BL

Tgt Ion:330 Resp: 22131
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 44.7 35.3 52.9

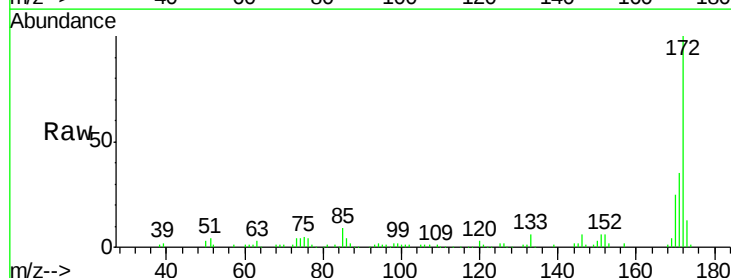


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

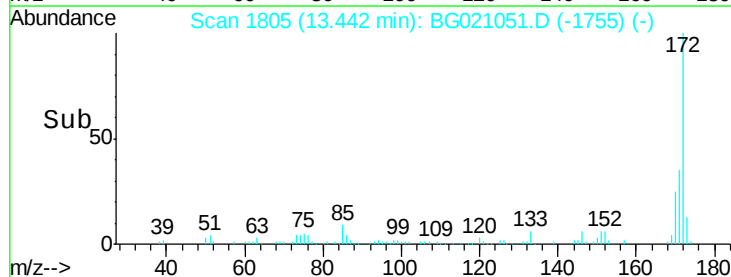
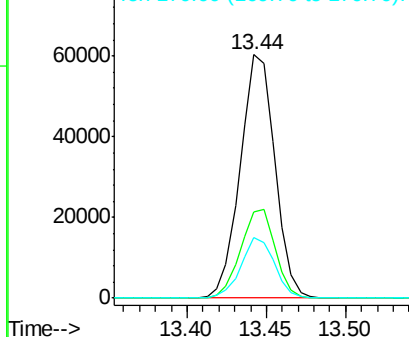


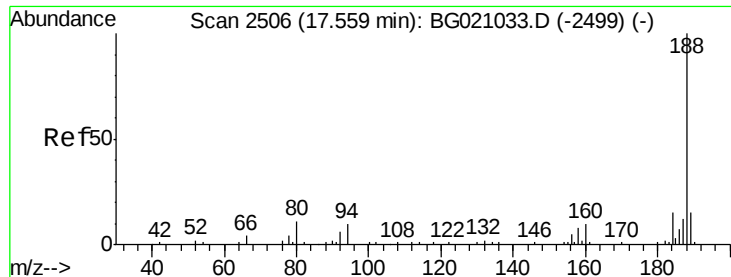
#44
 2-Fluorobiphenyl
 Concen: 88.47 ng
 RT: 13.44 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG021051.D
 Acq: 24 Feb 2016 7:51

Tgt Ion:172 Resp: 91531
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 25.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

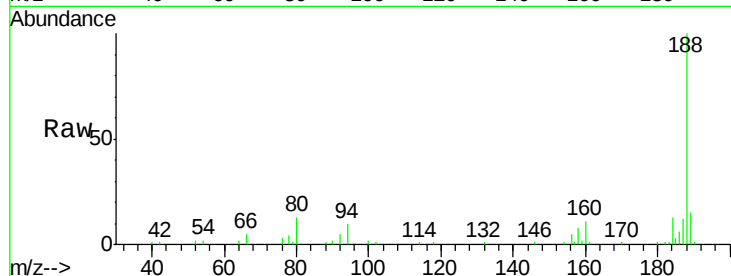




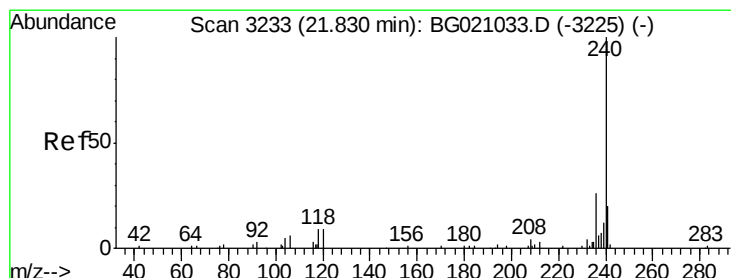
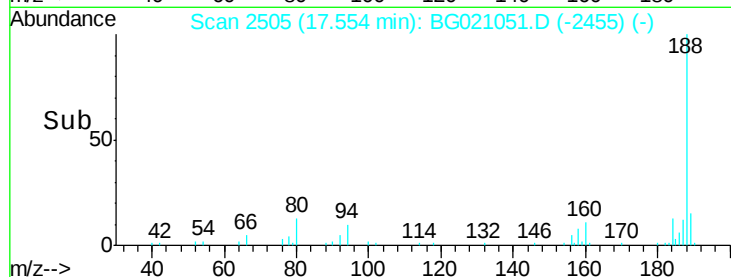
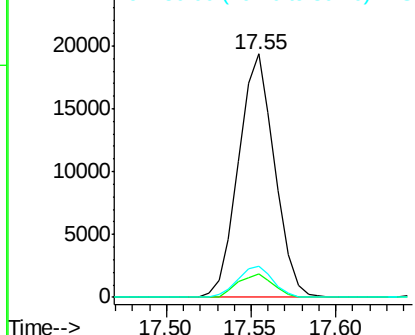
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG021051.D
Acq: 24 Feb 2016 7:51

Instrument :
BNA_G
ClientSampleId :
PB88492BL

Tgt Ion:188 Resp: 28712
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.4
80 13.0 9.2 13.8

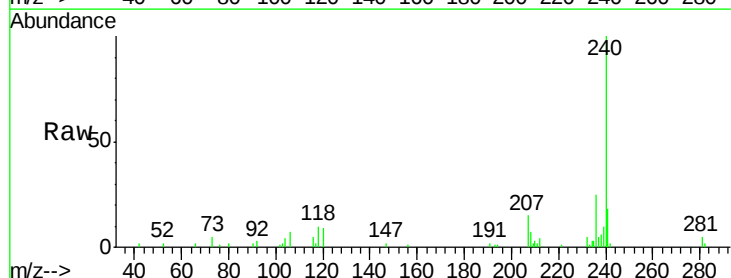


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

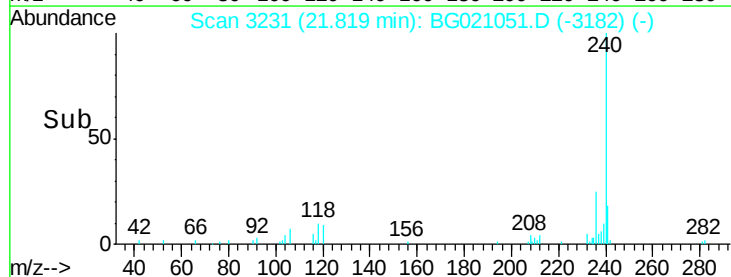
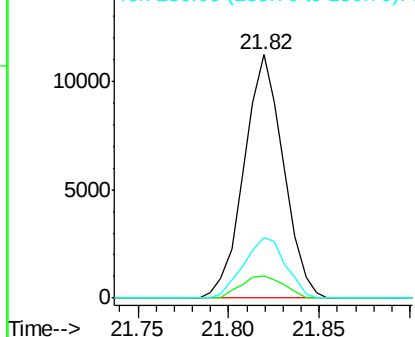


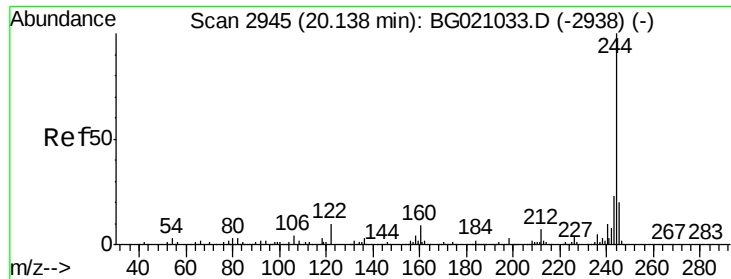
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG021051.D
Acq: 24 Feb 2016 7:51

Tgt Ion:240 Resp: 17065
Ion Ratio Lower Upper
240 100
120 9.0 7.5 11.3
236 24.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

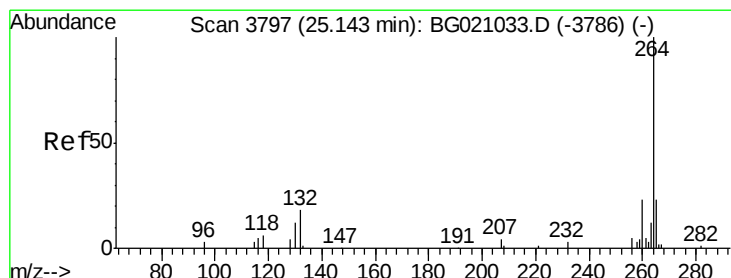
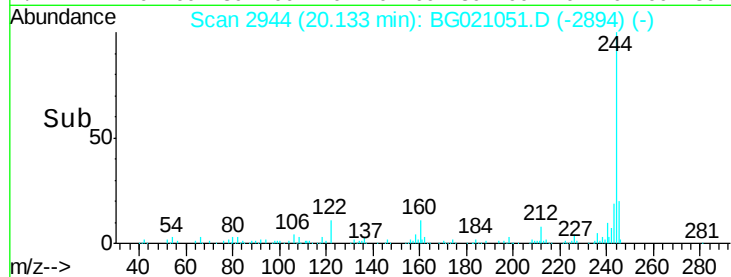
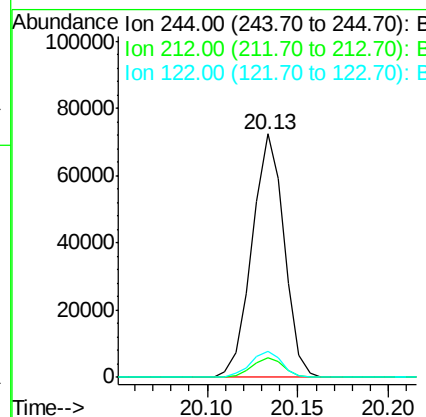
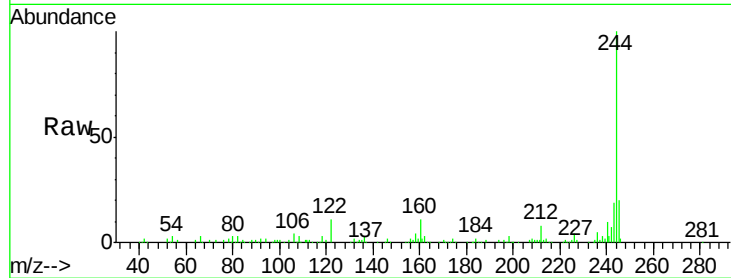




#78
 Terphenyl-d14
 Concen: 67.94 ng
 RT: 20.13 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: BG021051.D
 Acq: 24 Feb 2016 7:51

Instrument :
 BNA_G
 ClientSampleId :
 PB88492BL

Tgt Ion:244 Resp: 89351
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.13 min Scan# 3795
 Delta R.T. -0.01 min
 Lab File: BG021051.D
 Acq: 24 Feb 2016 7:51

Tgt Ion:264 Resp: 15388
 Ion Ratio Lower Upper
 264 100
 260 19.5 18.5 27.7
 265 21.3 18.6 28.0

